

**ADDENDUM #1
TO SPEC. 07-215**

**WATERSHED MASTER PLANNING
Little Salt Creek Basin**

Addendum #1 to Spec. 07-215 for Watershed Master Planning, Little Salt Creek Basin, bids to be opened **12:00 noon, Wednesday, August 1, 2007.**

Please note the following attachment of related ongoing studies & projects for the scope of work for the Little Salt Creek Master Plan.

All other terms and conditions to remain unchanged.

Dated this 19th day of July, 2007.

Purchasing Department

Purchasing Agent,
Vince Mejer

Little Salt Creek Watershed
SUMMARY OF ONGOING STUDIES & PROJECTS

NAME OF STUDY	Little Salt Creek Watershed Master Plan – Phase I
BRIEF DESCRIPTION OF STUDY	Stormwater planning study to develop tools to help the City of Lincoln manage floodplains, stormwater, natural resources, and urban development in the Little Salt Creek Watershed.
DATA AND/OR INFO TO BE OBTAINED	Hydrologic data, floodplain maps; identify flooding, erosion, and water quality problem areas; identify unique and/or sensitive environmental resources such as saline wetlands and the Salt Creek Tiger Beetle; propose capital improvement projects, best management practices, and model ordinances or other tools to help guide future development.
APPROXIMATE START DATE	Summer 2007
APPROXIMATE COMPLETION DATE	Summer 2008
LEAD AGENCY	City of Lincoln – Public Works & Utilities, Watershed Management Division
PRIMARY CONTACT	Ed Kouma
CONTACT PHONE & E-MAIL	(402) 441-7018 EKouma@lincoln.ne.gov

NAME OF STUDY	Critical Habitat Designation
BRIEF DESCRIPTION OF STUDY	Determination of areas critical for the survival of the Salt Creek Tiger Beetle populations.
DATA AND/OR INFO TO BE OBTAINED	Delineation of Critical Habitat and publication in the Federal Register.
APPROXIMATE START DATE	Underway
APPROXIMATE COMPLETION DATE	Final Rule – November 2007 (estimate)
LEAD AGENCY	U.S. Fish & Wildlife Service
PRIMARY CONTACT	Bob Harms
CONTACT PHONE & E-MAIL	(308) 382-6468 robert_harms@fws.gov

Little Salt Creek Watershed
SUMMARY OF ONGOING STUDIES & PROJECTS

NAME OF STUDY	Biological & Ecological Research on the SCTB – Component of Habitat Conservation Plan Grant
BRIEF DESCRIPTION OF STUDY	Studies to investigate the life history and biology, light pollution/attraction, and insecticide poisoning of the SCTB.
DATA AND/OR INFO TO BE OBTAINED	Identify larvae burrows, habitat requirements for oviposition, behavioral/competition between SCTB and other beetles, inventory of prey, density of SCTB larvae, lifespan of adult SCTB, etc. Data to develop guidelines for least disruption lighting types and required buffer areas. Sensitivity of SCTB to agricultural pesticides.
APPROXIMATE START DATE	2006
APPROXIMATE COMPLETION DATE	2008
LEAD AGENCY	Department of Entomology - UNL
PRIMARY CONTACT	Steve Spomer
CONTACT PHONE & E-MAIL	(402) 472-8698 sspomer1@unl.edu

NAME OF STUDY	Biological Inventory – Component of Habitat Conservation Plan Grant
BRIEF DESCRIPTION OF STUDY	Inventory of the broad range of organisms present in the saline wetlands of the watershed. Emphasis placed on insects.
DATA AND/OR INFO TO BE OBTAINED	Data regarding the interaction of the SCTB with other insects. More information regarding habitat requirements of the SCTB.
APPROXIMATE START DATE	2006
APPROXIMATE COMPLETION DATE	2008
LEAD AGENCY	Department of Entomology – UNL
PRIMARY CONTACT	Steve Spomer
CONTACT PHONE & E-MAIL	(402) 472-8698 sspomer1@unl.edu

Little Salt Creek Watershed
SUMMARY OF ONGOING STUDIES & PROJECTS

NAME OF STUDY	Hydrological Research – Component of Habitat Conservation Plan Grant
BRIEF DESCRIPTION OF STUDY	Study of the relationship between surface water, groundwater, and water chemistry in the watershed.
DATA AND/OR INFO TO BE OBTAINED	Long-term average water table depth beneath saline wetlands, extent of surface saline seeps and their long-term fluctuation in salinity, nature of the mixing between saline groundwater, precipitation, and surface water, the amount of water that traverses saline wetlands and passes to streams, impacts of precipitation, ponding, and flooding on soil salinity.
APPROXIMATE START DATE	2007
APPROXIMATE COMPLETION DATE	2009
LEAD AGENCY	School of Natural Resources – UNL
PRIMARY CONTACT	Ed Harvey
CONTACT PHONE & E-MAIL	(402) 472-8237 feharvey1@unl.edu

NAME OF PROJECT	Frank Shoemaker Marsh Saline Wetland Restoration Project
BRIEF DESCRIPTION OF PROJECT	The various components of the restoration include: restoration to enhance and restore degraded wetland systems; rehabilitation of berms along the stream bank; installation of at-grade composite piling and rock grade control structures; rehabilitation of an existing grade control structure using composite piling and rock rip-rap; installation of stream bank benches for Salt Creek tiger beetle habitat; and installation of primitive trails and overlook piers.
DATA AND/OR INFO TO BE OBTAINED	Continual evaluation of the effects of restoration techniques.
APPROXIMATE START DATE	September 2006
APPROXIMATE COMPLETION DATE	June 2007
LEAD AGENCY	City of Lincoln
PRIMARY CONTACT	Tom Malmstrom
CONTACT PHONE & E-MAIL	402-476-2729 tmalmstrom@lpsnrd.org

Little Salt Creek Watershed
SUMMARY OF ONGOING STUDIES & PROJECTS

NAME OF PROJECT	Wetland Reserve Program
BRIEF DESCRIPTION OF PROJECT	Protection, restoration, and enhancement of wetlands on private property (Helmuth – 42.01 acres)
DATA AND/OR INFO TO BE OBTAINED	Annual monitoring
APPROXIMATE START DATE	2007-09
APPROXIMATE COMPLETION DATE	2007-09
LEAD AGENCY	USDA Natural Resources Conservation Service
PRIMARY CONTACT	Dennis Schroeder
CONTACT PHONE & E-MAIL	402-423-9683 ext. #3 Dennis.Schroeder@ne.usda.gov

NAME OF PROJECT	Whitehead Wetlands
BRIEF DESCRIPTION OF PROJECT	Replace and repair existing outlet structure to Little Salt Creek and removal of sediment deposition at storm water inlet.
DATA AND/OR INFO TO BE OBTAINED	Continual monitoring
APPROXIMATE START DATE	Spring-summer 2007
APPROXIMATE COMPLETION DATE	Summer 2007
LEAD AGENCY	Lower Platte South Natural Resources District
PRIMARY CONTACT	Dan Schulz
CONTACT PHONE & E-MAIL	402-476-2729 dan@lpsnrd.org
NAME OF PROJECT	Schleich Wetland

Little Salt Creek Watershed
SUMMARY OF ONGOING STUDIES & PROJECTS

BRIEF DESCRIPTION OF PROJECT	Repair/Replacement of existing drop structure adjacent to Little Salt Creek
DATA AND/OR INFO TO BE OBTAINED	Continual monitoring and observations of how wetland area responds to drop structure restoration.
APPROXIMATE START DATE	Spring-summer 2007
APPROXIMATE COMPLETION DATE	Summer 2007
LEAD AGENCY	Lower Platte South Natural Resources District
PRIMARY CONTACT	Dan Schulz
CONTACT PHONE & E-MAIL	402-476-2729 dan@lpsnrd.org

NAME OF STUDY	Heartland Regional Water Quality Coordination Initiative – Community Involvement in Watershed Management
BRIEF DESCRIPTION OF STUDY	A case study for a Master's thesis. This is an examination targeting the Little Salt Creek area and the saline wetlands and comparing it to another situation in Des Moines, Iowa. It is acquiring information regarding water concerns on the rural-urban fringe and the environmental and social impacts of development in high growth areas.
DATA AND/OR INFO TO BE OBTAINED	See Primary Contact
APPROXIMATE START DATE	Fall 2006
APPROXIMATE COMPLETION DATE	Unknown
LEAD AGENCY	Iowa State University, University Extension
PRIMARY CONTACT	Kristen Corey
CONTACT PHONE & E-MAIL	515-294-1497 krissyg@iastate.edu